HICRON

Hi!ckathon

HICRON

VISION ARCHITECT

SOLUTION MAKER

HICRON

VISION
ARCHITECT,
SOLUTION
MAKER.
We're Hicron.

AGENDA

About Us

Meet Hicron

Rules of the Hackathon

Problems and Solutions

HICRON

ABOUT US

Hicron is a Polish IT integrator and SAP Partner, and we are implementing, integrating, or servicing SAP Solutions, delivering world-class code in DevOps, Cloud Services, Digital Product Design, Software Development, and many more!

As a Vision Architect and Solution Maker, we are delivering top level solutions tailored to meet the needs of our clients. Our team consists of more than 300 experts in IT consulting, software development, quality assurance, IT process, and project management.

BUSINESS AREAS

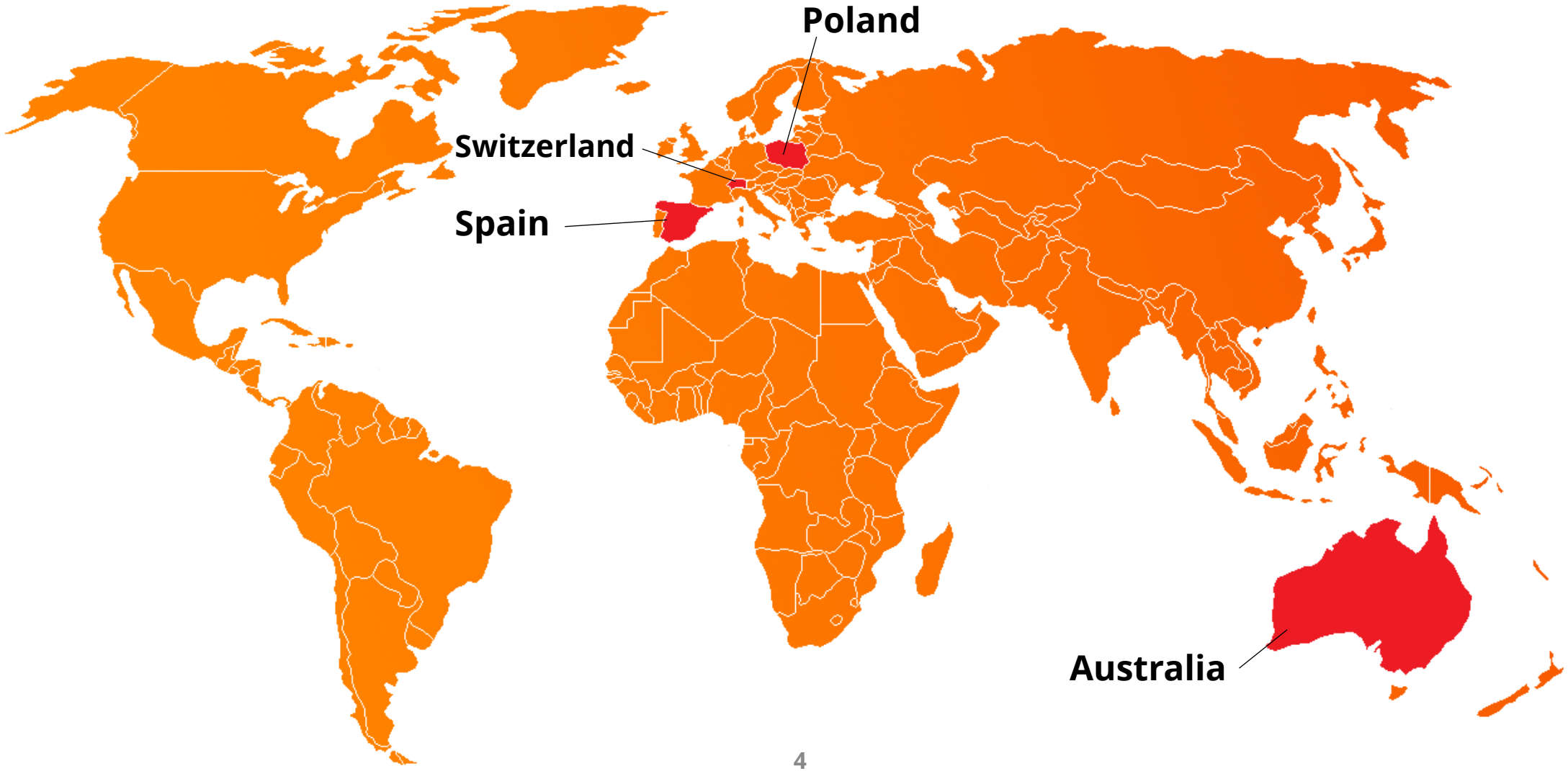
- SAP SOLUTIONS
- SOFTWARE DEVELOPMENT
- E-COMMERCE SOLUTIONS
- ATLASSIAN SOLUTIONS

HICRON

OUR OFFICES

VISION
ARCHITECT,
SOLUTION
MAKER.

WORLDWIDE



HICRON

OUR OFFICES

IN POLAND

VISION ARCHITECT, SOLUTION MAKER.
We're Hicron.

HICRON

HICRON SOFTWARE HOUSE

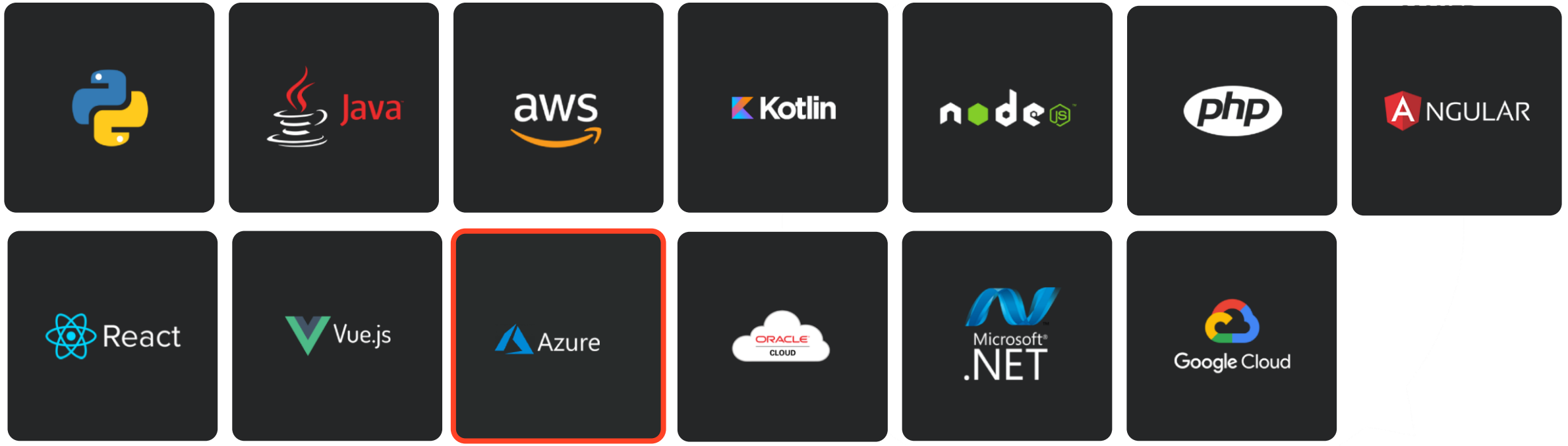
SAY HI!CRON

HICRON

OUR SERVICES

UX/UI SERVICES	**SOFTWARE DEVELOPMENT**	CLOUD MIGRATION	DEVOPS SERVICES	QA & TESTING SERVICES	AGILE COACHING & TRANSFORMATION
POC / PROTOTYPING	LEGACY UPDATE	CLOUD NATIVE APPLICATION SERVICES	**PRODUCT DEVELOPMENT SERVICES**	APP MAINTENANCE – EVOLUTIONARY DEVELOPMENT	PREMIUM NEARSHORING

VISION
ARCHITECT,
SOLUTION



OUR TECHNOLOGIES

HICRON

MAIN AREAS OF FOCUS

BUSINESS TRANSFORMATION

Driving the change for our clients by transforming their systems, processes, people, and technology.

DIGITAL TRANSFORMATION

Assisting our clients in adopting innovative technologies to improve efficiency, value, and innovations.

APPLICATION SERVICE & SUPPORT

Implementing and supporting systems for our clients. We introduce the best DevOps practices.

CUSTOM SOFTWARE DEVELOPMENT & CLOUD SERVICES

Developing and innovating using the latest technologies for our client to meet their needs.

HICRON

HICRON CUSTOMERS

HICRON

TRUST
CONFIRMED BY CUSTOMERS

HICRON

VISION
ARCHITECT,
SOLUTION
MAKER.
We're Hicron.

HOW IS TO WORK WITH US?

- You will work on big international projects with big international clients
- Multicultural environment
- English is the main language, you can improve it everyday!
- You will be able to visit our different offices!
- You can grow without limits!

- **DO YOU WANT TO KNOW MORE?**

HICRON

Send us your CV!

Estefanía Rodríguez Sánchez

Talent Acquisition Specialist

E. **Estefania.rodriguez@hicron.com**

spain@hicron.com

HICRON

RULES OF THE HACKATHON (WELL, HI!CKATHON)

HICRON

VISION ARCHITECT, SOLUTION MAKER.
We're Hicron.

Individual projects

You will work on **individual projects**. **You can work together** and help each other, but **each one** will **submit their own project**. So maybe **don't copy-paste** too much if you **want to win** 😜.

Work anytime

You are **allowed** to work **outside of the scheduled hours**. However, you **must** upload your code **at the end** of each **session** (17:00 - today; 15:00 – tomorrow).

English language

English is the main language for the event. **You can ask technical questions in Spanish** but **we encourage you** to make an effort and **speak English** like we do in our day-to-day job.

GENERAL RULES

HICRON

PROBLEMS AND SOLUTIONS
YOUR GOAL

01

GOAL

People management web app

02

DATABASE

Design & Implement your DB

03

BACKEND

Make your data work

04

FRONTEND

The final product.

GOAL

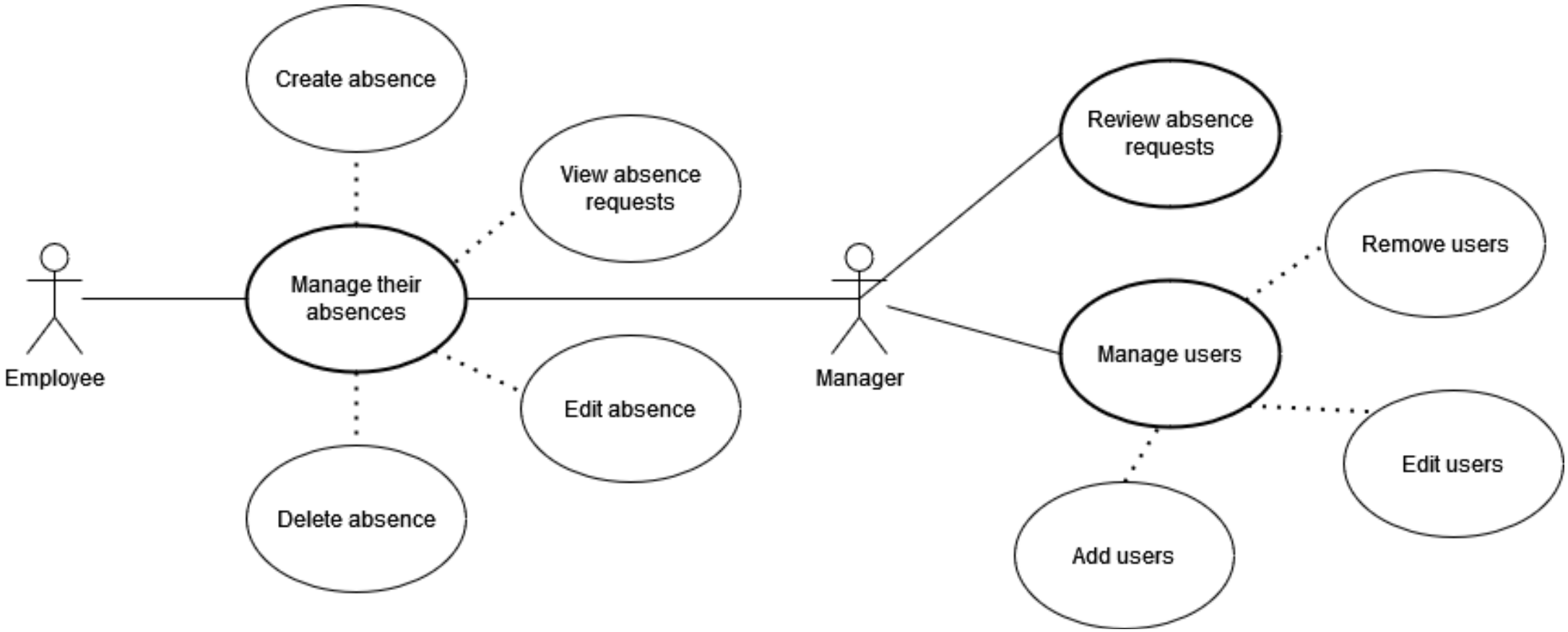
- Your goal is to make a people management app to handle absences in a small company.
- The app will be used by employees and managers

HICRON

HICRON

Use case Diagram

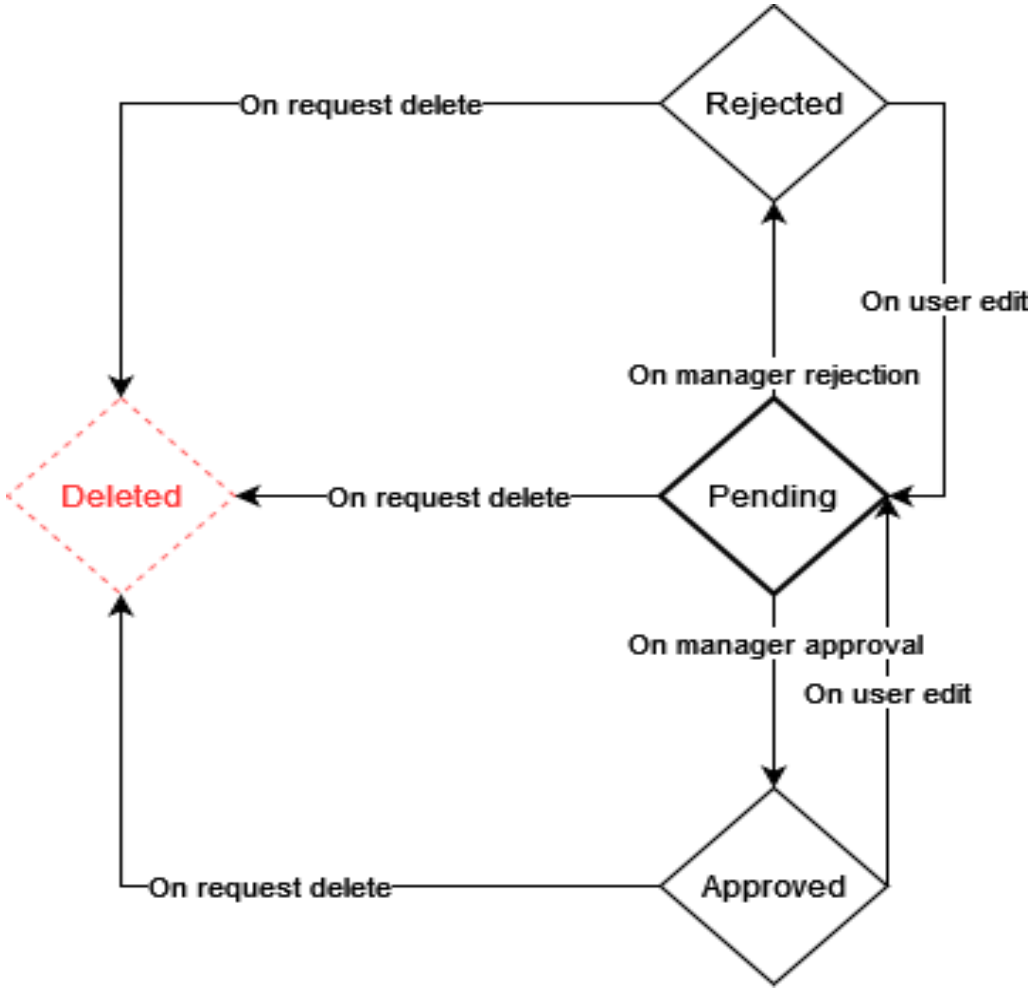
VISION
ARCHITECT,
SOLUTION
MAKER.
We're Hicron.

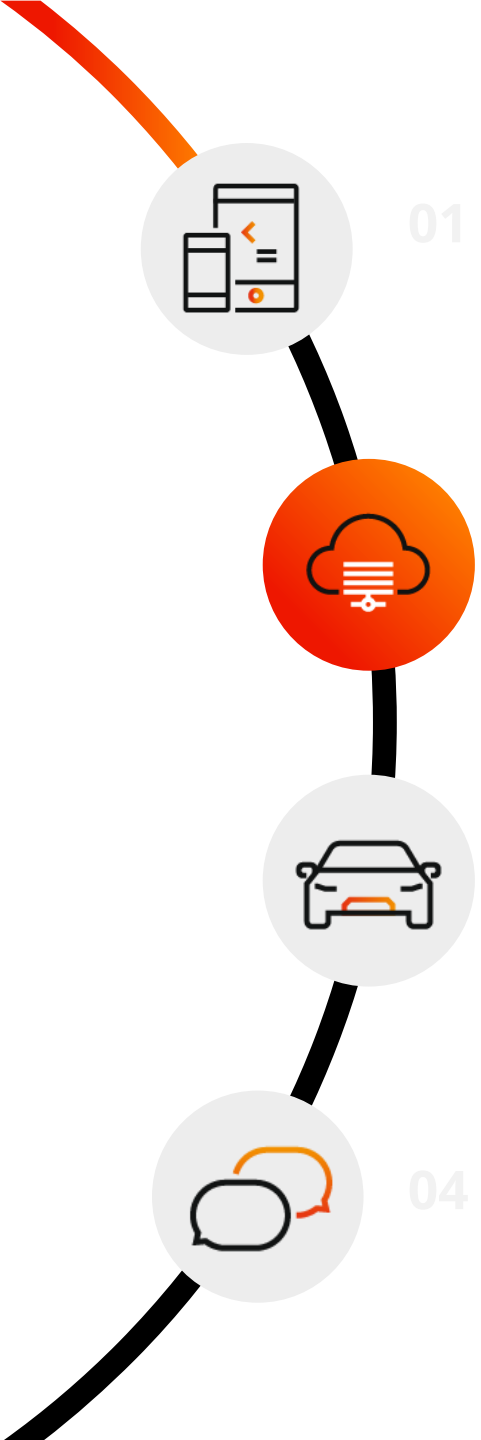


HICRON

Absence life cycle

VISION
ARCHITECT,
SOLUTION
MAKER.
We're Hicron.





01 GOAL
People management web app

02 **DATABASE**
Design & Implement your DB

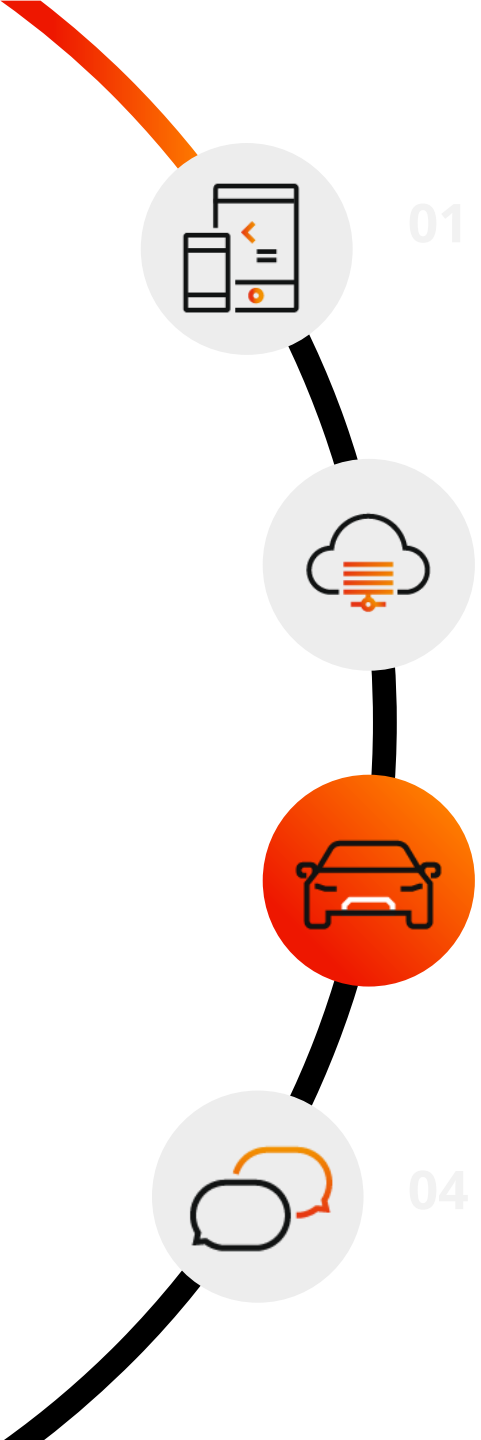
03 BACKEND
Make your data work

04 FRONTEND
The final product.

DATABASE

- Our "client" has asked us to use PostgreSQL as the Database solution
- You have to design a DB based on the previous requirements (use case diagram, problem description, feedback)

HICRON



01 GOAL
People management web app

02 DATABASE
Design & implement your DB

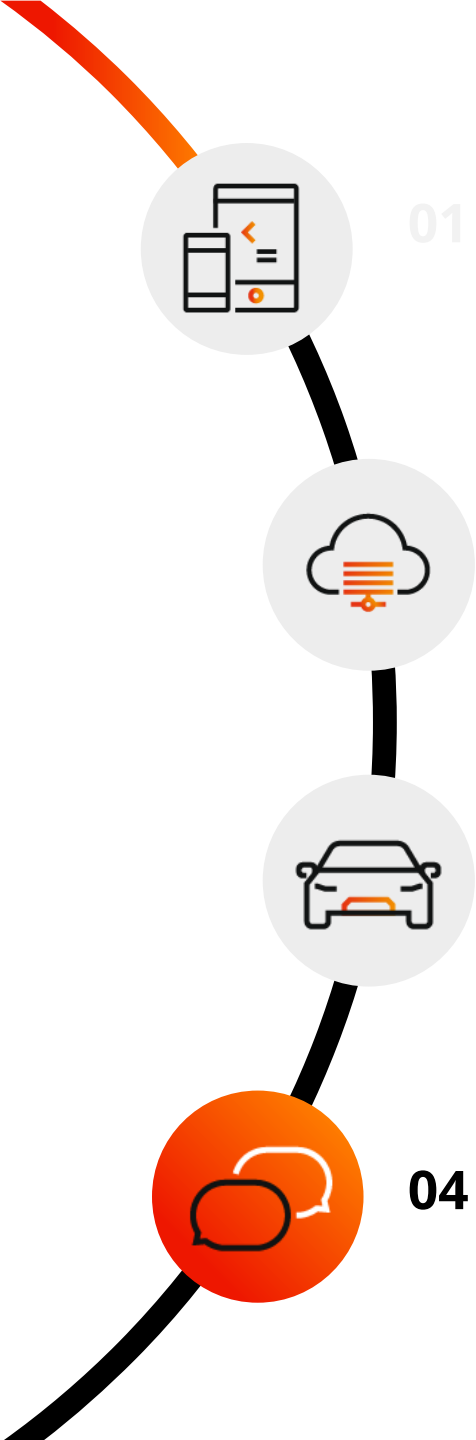
03 **BACKEND**
Make your data work

04 FRONTEND
The final product

BACKEND

- To be implemented with NodeJS & Express
- Accepts HTTP request to interact with the business data

HICRON



01

THE PROBLEM

People management web app

02

DATABASE

Design & Implement your DB

03

BACKEND

Make your data work

04

FRONTEND

The final product

HICRON

HICRON

THANK YOU

ANY QUESTIONS?